

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID38486
Project Name	Project - IOT based smart crop protection for agriculture
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Use many types of seeds	To grow the crops
FR-4	Growth perfect crop protection	Used sunlight ,irrigation,sand enrichment,natural fertilizers
FR-5	Used more fertilizers	To yields many profits in agriculture

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To less hard work,to save time ,to increase more yields
NFR-2	Security	To protect animal attacks
NFR-3	Reliability	To not affect weather conditions
NFR-4	Performance	High level perform
NFR-5	Availability	To decide human trace
NFR-6	Scalability	To produce easy crop maintaining